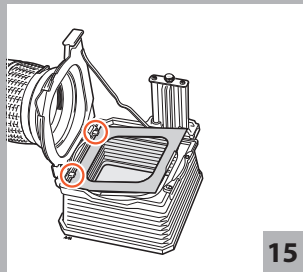
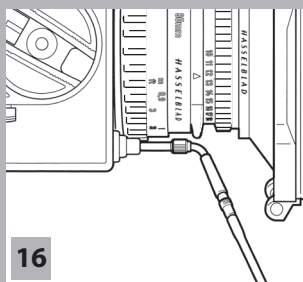


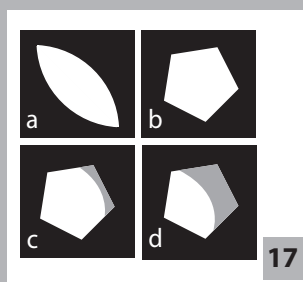
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### Proshade 6095 V/H

The Proshade 6095 V/H (3040740) is designed to fit virtually all lenses, with the appropriate adapters, in both the V and the H systems (the Distagon CFI 30 mm and the Tele-Superachromat FE 300 mm are the two exceptions). It provides precise control of shading to prevent degradation of the image caused by stray light or direct light on the front element of the lens.

The Proshade 6095 V/H can also function as a filter holder for glass, gelatine or optical resin filters (accessories not supplied).

Optional accessories are available to suit the various front bayonet filter mount sizes.

The figures beside the headings in text refer to the appropriate illustrations.

#### Parts and components 1

The Proshade 6095 V/H is supplied with a Proshade mask 6093/250 (3040312).

1. Proshade mask 6093/250 (3040312)
2. Mount slots for Proshade mask
3. Front frame
4. Filter holder catch
5. H lens type scale
6. Lens adapter mount catch
7. Rear frame clamp
8. Rear frame guide
9. Guide bar locking bolt
10. Guide bar

11. V lens type scale
12. Rear frame with filter holder
13. Bellows

#### Optional accessories 2

1. Proshade adapter Ø60 (3040741 *discontinued item*)  
For V-series lenses with a Ø60 front mount. The adapter ring permits two glass filters to be attached to the internal front bayonet mount. Also used for C lenses (Ø50) with step-up ring Ø50 – Ø60 (3040711 *discontinued item*).
2. Proshade adapter Ø70 (3040744 *discontinued item*)  
For V-series lenses with a Ø70 front mount.
3. Proshade adapter Ø93 (3040746 *discontinued item*)  
For V-series lenses with a Ø93 front mount.
4. Proshade adapter H67 (3043415)  
For H-series lenses with a 67mm front thread.
5. Proshade adapter H77 (3043417)  
For H-series lenses with a 77mm front thread.
6. Proshade adapter H95 (3043419)  
For H-series lenses with a 95mm front thread.

#### Adapters

The Proshade is attached to the lens by way of an adapter that fits onto the front lens mount. The six different adapters (optional accessories) are listed above.

You may find it is easier to fit a bayonet adapter to the Proshade and then the combination to the lens whereas it is easier to fit a screw fit adapter to the lens first and then the Proshade afterwards.

#### Attaching adapters to lenses 3, 4, 5, 6

To attach an H adapter proceed as follows:

1. Ensure the locking lever on the adapter is in the raised position (fig 3)
2. Align the triangular index mark on the adapter against the central index on the lens.
3. Push the adapter towards the lens and turn clockwise until it stops (approx 1/8 turn) (fig 4).
4. Secure the adapter by pushing the locking lever back into the locked position (fig 5)

#### Ø60 or Ø70 adapter (bayonet mount):

1. Align the triangular index mark on the adapter against the central index on the lens.
2. Push the adapter towards the lens and turn clockwise until it stops (approx 1/8 turn).

#### Ø93 adapter (screw mount):

1. Screw the rear ring of the lens shade Ø93/40, /50 or 350-500 onto the lens (fig 6).
2. Screw the Ø93 adapter into place.

When screwing mounts and adapters, ensure they run freely together and do not force them. Resistance implies incorrect positioning.

An H95mm adapter (3043419) cannot be used when a 95mm filter – UV-Sky 95mm (3053478) / C-Pola 95mm (3053490) – is fitted to the lens.

#### Setting up the Proshade 7, 8

For transport purposes, the guide bar on the Proshade is normally folded back. It has a spring-loaded captive-bolt which automatically snaps into place when the guide bar is folded out into the working position. To return it to the folded position, the bolt must first be unscrewed and then pulled a little way out of the bar and held out while folding back.

To set up the Proshade, proceed as follows:

1. Fold out the guide bar on the Proshade until it snaps into place (fig 7).
2. Tighten the guide bar locking bolt until it stops (about four turns)
3. Adjust the position of the rear frame by squeezing the fixing clamp and sliding the frame along the guide bar (fig 8).

For V lenses position the marker on the frame against the corresponding focal length of the lens in use on the scale on the V lens type scale.

For H lenses position the marker on the frame against the corresponding focal length of the lens in use on the scale on the H lens type scale.

4. The Proshade is now ready to be attached to the lens.

#### Attaching the Proshade 9, 10

With an H, Ø60 or Ø70 adapter fitted to the lens, proceed as follows:

1. Position the Proshade against the lower retaining lugs on the adapter (fig 9) so that the white ring symbol on the adapter aligns with the white spot on the Proshade lock.

2. Press the Proshade against the adapter on the top edge so that they snap together.
3. Rotate the Proshade so that the white spot on the adapter now aligns with the white spot on the Proshade (fig 10). Ensure that the Proshade lock clicks into place.

#### Using the Proshade 11

Ensure that when you change lenses, you also change the position of the shade in accordance with the focal length of the lens.

When using the V-system 250 mm lenses the Proshade mask 6093/250 should additionally be attached to ensure the optimum effect. It slides into position between the main frame and the retaining lugs on the front of the Proshade (fig 11). The grip remains protruding above the frame as a reminder of it being in place when you change lenses.

#### Removing the Proshade 12

To remove the Proshade, press down the lens adapter mount catch as in the illustration (fig. 12) While keeping the catch depressed, rotate the Proshade so that the white spot on the catch aligns with the white circle on the adapter. The Proshade can now be removed.

Alternatively, you can remove the Proshade and adapter together as a unit in which case you reverse the attachment procedures described above for adapter attachment.

#### Using gelatine or rigid optical resin filters 13, 14, 15

The filter holder can also accept 75 mm square and 100 mm square gelatin or optical resin filters in

card mounts. Rigid optical resin filters or similar can be mounted singly or combined up to a maximum thickness of 4mm.

#### Proceed as follows:

1. Raise the filter holder catch to free the bellows (fig 13)
2. Allow the bellows to swing down (fig 14) to access the filter holder.
3. Insert the filter(s) or filter mount so that the bottom edge is retained by the two lugs (fig 15). Swing the bellows section back into place ensuring that the filter holder catch snaps back into place to lock it into place.

The 'swing down' function is also useful when you want to check the focus but find the filter distracting or you want to change a filter mounted on the front lens bayonet mount.

#### Using a Ø 93 polarizing filter

The Hasselblad Ø 93 polarizing filter is attached to the lens and Proshade in the same manner as the Proshade Ø 93 lens adapter. For further information see the polarizing filter user manual.

#### Using a cable release 16

The close proximity of the rear frame of the Proshade to the exposure release button on manual models can cause difficulties with some combinations of cable releases and lenses. The use of an open-L connector (3050776) will solve this problem however (fig 16).

#### Optimal Proshade extension 17

The recommended extension scales are conservatively given for maximum aperture and infinite fo-

cusing distance. When stopping down the lens and at closer distances the extension can, for some lens types, be significantly increased. To find the optimal position proceed as follows:


1. Set working aperture and focus distance.
2. Remove the magazine/focusing screen adapter.
3. Replace with the Rear cover MultiControl (3051070).
4. Depress the depth-of-field button on the lens so that the lens stops down to the working aperture.
5. Open the shutter set at 'B'.
6. Look through each hole in the Rear cover MultiControl in the direction of the lens and compare what you can see with the illustrations (fig 17):
  - a. The aperture is fully open. No shading can be seen and so no vignetting will occur.
  - b. The lens has been stopped down to the desired aperture and produces the ideal situation as no shading is visible. No vignetting will occur.
  - c. The lens has been stopped down to the desired aperture but shading is visible. However this amount is acceptable for a vignette free result.
  - d. The lens has been stopped down to the desired aperture and more than 50% coverage can be seen. Vignetting will occur and will produce a visible result. Reduce the amount of bellows extension.

Visit [www.hasselblad.com](http://www.hasselblad.com) to download user manuals, datasheets, product brochures, technical information, technical articles, software and firmware updates etc, as well as news about the latest developments at Hasselblad.

#### Special instructions

- When attaching the Proshade to lenses of 100m focal length or shorter, the shade should be extended first to at least 30 mm to avoid interference between the guide bar and the focusing hood.
- When a manually operated camera model is mounted on a flash bracket or similar with a 40, 60 or 80 mm lens and a Proshade, there is reduced access for fingers between the bracket handle and the guide bar. More room for fingers is obtained if the Proshade is turned 90° or 180° when attached, that is, with the guide bar underneath or to the right.
- When used with wide-angle lenses such as the Biogon 4,5/38mm or the Distagon 4/40mm, the Proshade extension should be set at zero to avoid the risk of vignetting.
- Please see the chart at the end of this manual for a listing of individual lens requirements regarding adapter sizes.


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El uso de "Google Translate" en Internet.
- ITA** Questo testo nella tua lingua?  
Utilizzare "Google Translate" su Internet.
- PRT** Este texto na sua língua?  
Usar "Google Translate" na Internet.
- SWE** Denna text på ditt språk?  
Använd "Google Translate" på Internet.
- NLD** Deze tekst in uw taal?  
Gebruik "Google Translate" op het internet.
- JPN** あなたの言語でこのテキストは？  
使用してインターネット上のGoogleの翻訳。
- CHN** 在您的语言文字？  
使用谷歌翻译在互联网上。
- IND** अपनी भाषा में यह पाठ?  
का प्रयोग करें "Google" अनुवाद इंटरनेट पर
- RUS** Этот текст на вашем языке?  
Используйте "Google Переводчик" в Интернете.
- SAU** هذا النص في لغتك؟  
استخدم ترجمة جوجل على شبكة الإنترنت.

 V lenses	Proshade Adapter			Square Filter Size (for Proshade filter holder)	
	(3040741) Ø60	(3040744) Ø70	(3040746) Ø93	mm	mm
Biogon CF/CFI 4,5/38 mm	X	—	—		100
Distagon CF/CFE 4/40 mm * (If and earlier types)	—	—	X		100
Distagon CF 4/50 mm	X	—	—		100
Distagon CFI 4/50 mm	—	X	—		100
Distagon CF/CFI 3.5/60 mm	X	—	—	75	100
Planar CF/CB/CFE 2.8/80 mm	X	—	—	75	100
Planar CF/CFI 3.5/100 mm	X	—	—	75	100
Makro-Planar CF/CFE 4/120 mm	X	—	—	75	100
Sonnar CF/CFI 4/150 mm	X	—	—	75	100
Sonnar CF/CFE 4/180 mm	X	—	—	75	100
Sonnar CF/CFI 5.6/250 mm*	X	—	—	75	100
Sonnar CF/CFI/CFE 5.6/250 mm Sa*	X	—	—	75	100
Tele-Tessar CF 5.6/350 mm	—	—	X		100
Tele-Superachromat CFE 5.6/350 mm Sa	—	—	X		100
Tele-Apotessar CF 8/500 mm	—	—	X		100
Distagon FE 2.8/50 mm	—	—	X		100
Planar FE 2.8/80 mm	X	—	—	75	100
Planar FE 2/110 mm	—	X	—		100
Sonnar FE 2.8/150 mm	—	X	—	75	100
Tele-Tessar FE 4/250 mm	—	—	X		100
Tele-Tessar FE 4/350 mm	—	—	X		100
Hasselblad FE 4.8/60 – 120 mm	—	—	X		100

\* Use the Proshade CF & C/250 Mask.

All C lenses with Ø50 front bayonet need the Ø50–Ø60 Step-up Ring (3040711) combined with the Proshade Ø60 Lens Adapter.

PLEASE NOTE: All V system adapters are now discontinued items (2014).

 H lenses	Proshade Adapter			Square Filter Size (for Proshade filter holder)	Round Filter Size (for lens front)
	(3043415) H67	(3043417) H77	(3043419) H95	mm	mm
HCD 4.8/24 mm (not compatible)	—	—	—	—	95
HCD 4/28 mm (not recommended due to vignetting)	—	—	X	75	95
HC 3.5/35 mm	—	—	X	75	95
HC 3.5/50 mm (discontinued)	—	X	—	75	77
HC 3.5/50 mm-II	—	X	—	75	77
HC 2.8/80 mm	X	—	—	75	67
HC 2.2/100 mm	—	X	—	75	77
HC Macro 4/120 mm (discontinued)	—	X	—	75	67
HC Macro 4/120 mm-II	—	X	—	75	67
HC 3.2/150 mm	—	X	—	75	77
HC 4/210 mm	—	X	—	75	77
HC 4.5/300 mm	—	—	X	75	95
HCD 4-5.6/35 – 90 mm	—	—	X	75	95
HC 3.5-4.5/50 – 110 mm	—	—	X	75	95